



RCP-200 Version 1.50 Release Notes

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Release Notes

RCP-200 version 1.50 is a minor release containing enhancements and bug fixes. The Release Notes list new features, bug fixes, and known issues and limitations in this release.

Summary

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New Features and Enhancements on the RCP-200

IMPORTANT: This release of the RCP-200 requires the following:

- Connection to an iControl Application Server (IC-BASE-EDITION as a minimum).
- iRouter option (IC-ROUTER-CLIENT) for the RCP-200 to control physical routers.

This release has been fully tested with iControl version 4.12. Backward compatibility with older versions of iControl is not guaranteed for all cards: limitations may apply. Miranda highly recommends using iControl version 3.72 or higher for best compatibility. The list of supported Densité cards can be found on the Miranda Web site.

Note: The RCP-200 cannot connect to devices through iControl Solo.

New in Version 1.50

Kaleido-X Router

- ★ [Ref. #33381] In version 1.50, RCP-200 introduces enhancements to the Kaleido-X interface. RCP-200 users can now control the Kaleido-X multi-viewer without needing the source assignment interface of an intermediary Application Server. The RCP-200 automatically discovers the KX Router logical router yielding a simpler and more direct integration.

New in Version 1.40

Access Control

- [Ref. #31310/31478] RCP-200 now implements iControl's security functionality, allowing administrators to control individual users' access. If Access Control is enabled in iControl,

upon starting the RCP-200, users are asked to log in with a user ID and password on a virtual keyboard displayed on the screen.

Note: The varying levels of permissions are administered in iControl.

See also

For more information, see the *Access Control* chapter of the *iControl Version 4.11 User Guide*.

Densité Services

- [Ref. #26334] **IRD-3802:** *MPEG decoder with ASI and GigE IP inputs*, **IRD-3101:** *Standard definition MPEG decoder with ASI and GigE IP inputs*
RCP-200 version 1.40 supports:
 - IRD-3802 Densité card (tested with firmware version 3.2.4)
 - IRD-3101 Densité card (tested with firmware version 3.2.5)
- [Ref. #26335] **IRD-3811:** *Integrated receiver/decoder with ASI and RF inputs*, **IRD-3111:** *Standard definition receiver/decoder with ASI and RF inputs*
RCP-200 version 1.40 supports:
 - IRD-3811 Densité card (tested with firmware version 3.2.4)
 - IRD-3111 Densité card (tested with firmware version 3.2.5)
- [Ref. #26536] **HMP-1801:** *Stereoscopic 3D/HD/SD solid state media server*: RCP-200 version 1.40 supports the HMP-1801 Densité card (tested with firmware version 5.0.2).

User Interface

- [Ref. #24366] In Version 1.40, under the **Card Index** tab, RCP-200 now allows you to scroll through and choose from a list of more than 15 routers (in cases where there are more than 15), using the **F2** and **F3** LED buttons as *UP* and *DOWN* buttons, respectively. Pressing **ALT-ROUTER** makes the page with the currently selected router always appear, even if it's

not the first page. Additionally, the *iControl Services* pseudo-router remains anchored on the first button.

New in Version 1.32

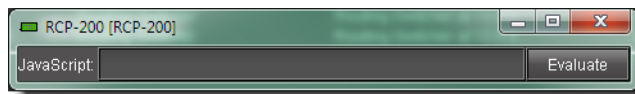
Support Added for these Products

- [Ref. #31098/30307] **XVP-3901: 3Gbps/HD/SD up, down & cross converter with audio processor:** Added Fingerprint feature (requires iControl version 4.10 or later and XVP-3901 firmware version 3.0.0 or later).

New in Version 1.31

User Interface

- [Ref. #28116] If desired, users may now disable (hide) the **iControl Services** button on the **Alt + Cat Index** page by implementing a line of script. Perform the following procedure to hide the **iControl Services** button:
 1. Open iControl Navigator.
 2. On the **Logical view** tab, double-click the **Control panels** folder, and then double-click the icon for the appropriate RCP-200 to open the script window.



3. In the script window, type the following:

```
navigator.setPreference("rcp200/routerView/--cardList", "disabled",  
"true");
```
4. Click **Evaluate**.
5. Restart your RCP-200.

Note: To *display* the **iControl Services** button, perform the procedure again but change "true" to "false" in the script.

New in Version 1.30

Support Added for these Products

- **ADX-3981: 3Gbps/HD/SD 8 AES audio and Metadata de-embedder:** Added Fingerprint feature (requires iControl version 4.0 or higher).
- **AMX-3981: 3Gbps/HD/SD 8 AES audio and Metadata de-embedder:** Added Fingerprint feature (requires iControl version 4.0 or higher).
- **EAP-3901/3101: Embedded audio and Metadata processors:** Added Fingerprint feature (requires iControl version 4.0 or higher).
- **Kaleido series:** This includes the Kaleido-Modular, Kaleido-X and Kaleido-X16.

- **VEA-1002/1023:** Analog video distribution amplifiers with EQ.
- **DDA-1113/1133:** AES distribution amplifiers.
- **WDA-1001:** Word clock distribution amplifier.
- **3DX-3901:** Stereoscopic 3D video processor (3Gbps/HD).

Enhancements and New Features

See also

For more information about the following enhancements and new features, see the *RCP-200 Advanced Remote Control Panel Guide to Installation and Operation (M876-9900-101)*.

- [Ref. #1300] New Alpha-Numeric Sorter router view: Default router view for new installations. Configurable from **CONFIG** menu.
- [Ref. #1301] New KX-Series Control Panel.
- [Ref. #1302] New configurable preference for List Scroll: clockwise or counterclockwise.

Bugs Fixed on the RCP-200

Fixed in Version 1.50

- ★ [Ref. #30951] A router with a space in its name is not recognized by the RCP-200.

Fixed in Version 1.40

Densité Services

- [Ref. #31472/32246] **HMP-1801:** When selecting a Preload, a different clip than the one you chose may cue and play.

IMPORTANT: Your Application Server iControl software must be version 4.11 or later

The resolution to this bug in RCP-200 software only works if your Application Server's iControl software is version 4.11 or later. If your Application Server software does not meet this condition, the HMP-1801 panel on the RCP200 will not function properly.

- [Ref. #23734] Audio-streaming may intermittently cut off due to audio loss packets. This may result in an audible tick or pop.

Fixed in Version 1.31

- [Ref. #30458] **The RCP-200 Tolerance feature creates useless virtual alarms in GSM:** When a card is selected for the first time with the RCP-200, virtual alarms are created for the Tolerance feature. The alarms are created even if the user has not enabled the feature on

that card. In large systems of complex cards, the alarm count easily becomes high and consumes memory.

- [Ref. #30017] **Thread proxy leak in Densité Manager when using RCP-200:** A new Proxy Listener thread is created in Densité Manager each time a card is selected on the left RCP-200 screen. Services may start behaving erratically and the Densité Manager may run out of memory.

Fixed in Version 1.30

- [Ref. #28481] **Ergonomy for the configuration of the Junger ALC module:** The configuration of the Junger ALC module (program structure and channel assignment) is supported on the RCP-200, but requires simplification.
- [Ref. #28414/28437] **AMX-3981, ADX-3981, EAP-3901:** On the **Audio Status** tab, the panel is not functioning properly.
- [Ref. #28431] **3DX-3901:** On the **Home | Status** tab, the **Input Status** LED is grayed out and does not reflect the input.

IMPORTANT: Your Application Server iControl software must be version 4.00 or later

The resolution to this bug in RCP-200 software only works if your Application Server's iControl software is version 4.00 or later.

- [Ref. #29541] **DAP-1781, UAP-1783, AAP-1741 require iControl 4.0 or above:** The *UPMIX* and *DOWNMIX* parameters may not work properly; some parameters may appear grayed-out when they shouldn't be, or vice versa.

Known Issues and Limitations

The following is a list of known issues and limitations currently associated with RCP-200. The star (★) symbol indicates a new issue in RCP-200 version 1.50.

- ★ [Ref. #33878/34275] After adding or removing an Application Server's IP address to the Discovery lookup list (**Discovery** tab), certain functions (notably, the *Router View*) of the RCP-200 may stop responding.

Workaround: If the RCP-200 fully or partially stops responding, perform a soft restart of the iControl Web application (**ALT+STANDBY**).

IMPORTANT: Perform a soft restart after any change to the Discovery lookup list

You must **always** perform a soft restart of the iControl Web application (**ALT+STANDBY**) after changing the Discovery list, regardless of whether the RCP-200 unit stops responding. Failure to do so may eventually result in an iControl Web crash. If this occurs, you will be forced to restart the hardware (either unplugging the unit's power or pressing **ESC+ALT+HOME**). Consult your RCP-200 manual for more information on adding and removing IP addresses to the Discovery list.

- ★ [Ref. #30587] After the *Router Selection* feature (**ALT+ROUTER**) automatically recognizes an HCO-122 Densité card as a router, the following sequence of user steps may cause an error message to appear indicating the service is not listed in GSM:

1. Select the HCO-122 service from the **ALT-CAT-INDEX** service listing.
2. Switch to the **CAT-INDEX** matrix.

Note: This system behavior does not have any impact upon switching.

Workaround: Click the message and continue your workflow.

- ★ [Ref. #23246] The RCP-200 *Standby* mode can be deactivated by some buttons but not others. Once in Standby mode, system behavior is as follows:

- LCD screens turn off (turn blank)
- All LED buttons go blank
- STANDBY LED button blinks
- Rotator knobs do not deactivate Standby mode
- All soft buttons deactivate Standby mode
- PNL LOCK/STANDBY button glows a steady blue (medium intensity)
- PNL LOCK/STANDBY button deactivates Standby mode

- ★ [Ref. #18713] On rare occasions after restarting the RCP-200, one of the following behaviors may occur:

- Touching one screen may activate the pointer on the other screen.
- The left screen is unresponsive when touched and touching the right screen activates the pointer on the left screen.

Workaround: Restart the RCP-200.

- [Ref. #32557] If your RCP-200 has a user board whose revision number is 300 or greater, then it is equipped with a new LCD display that requires the RCP-200 software to be version 1.40 or later. If you are attempting to install an earlier software version (pre-version 1.40) on your RCP-200, an error message will appear asking you to upgrade your software.
- [Ref. #30588] **Application Server reboot requires a reboot of the RCP-200:** After a reboot of the iControl Application Server (for example, following the software upgrade or downgrade of an Application Server), it is also recommended to reboot the RCP-200 unit. For further safety, wait until the appserver is fully rebooted before restarting the RCP-200.
- [Ref. #30587] **Support for some Densité cards as routers:** The following Densité cards are automatically recognized as routers by the *Router selection* feature (*ALT ROUTER*) even if iRouter is not installed as an option for iControl:
 - HRS-1801
 - HCO-1821
 - DCO-17x1
 - MSB-1121

Note: None of these Densité cards can be configured yet through RCP-200, and the support of these cards as routers is in *Beta* stage only.

- [Ref. #30583] **Keyboard usage is limited:** Connection of a USB keyboard to the RCP-200 is allowed, but not recommended. Specific keystroke combinations could put the panel in a state which may not be obvious to the user how to escape from. Additionally, the validation being done for direct data entry below the sliders is not complete. The keyboard should be used only for maintenance purposes, under supervision of Miranda's technical support staff.
- [Ref. #30582] **Limited functionality of RCP-200 requires the usage of iControl:** This release of the RCP-200 does not include all the functionality available through iControl Densité services. Some of the missing functions include: Dashboard, Alarm Configuration, Profiles (Save, Restore, Copy), Enabling of Options, some advanced audio / metadata settings (XVP-3901 and DAP-1781).
Workaround: Use the iControl interface to configure or use these features.
- [Ref. #29593] **Router view not refreshed coming back from standby mode:** After disabling Standby mode, the *Router* view may not be populated with the available cards.
Workaround: Reselect the view by pressing the *Router* button to update the screen properly.
- [Ref. #29522] **FRS-1801: RALM assignment text doesn't fit inside list box:** The choices for the configuration of RALMs, performed under *CARD CONFIG | RALM*, are not properly displayed. Some text strings are truncated.
Workaround: Use the iControl service panel instead.
- [Ref. #29503] If your Densité cards have firmware enabling support for fingerprint configuration, the control panels for these cards will show fingerprint controls, even if the version of iControl you are using does not support it. In this case, even if there are incoming lipsync and reference signals, your RCP-200 is unable to detect, compare, nor analyze them.
- [Ref. #29347 / 29350 / 29354 / 29364 / 29367 / 29491] **Unreachable Card:** When selecting a card, the message *Unreachable Card* may appear on the right screen.
Workaround: If this happens, wait a few seconds and try reselecting the card.
This message is often seen when the card takes too long to load. The message, and slow card-loading behavior (more than 5-6 seconds), is generally a sign of a busy Application Server. Contact your system administrator for an Application Server diagnostic test (memory and CPU usage).
- [Ref. #28671] When the KX widget is loaded into the RCP-200 and you then load the **Config** screen, if you choose to return to the KX widget by pressing **Config**, you may not be able to preserve the room/layout data.
Workaround: Navigate back to the room list instead of pressing **Config**, and then reselect the room.

- [Ref. #28445] **Minimum Delay for the AMX-3981, ADX-3981, EAP-3901, EAP-3101:** The *Minimum Delay* parameter that can be applied to the video output timings, is not available under RCP-200.

Workaround: Use the iControl panel to set this parameter.

Remember that once the *Minimum Delay* parameter is set the delay sliders are grayed-out, and some card features are disabled.

- [Ref. #27003] **RCP-200 does not reboot when Ethernet configuration is invalid:** When configuring your Ethernet parameters, if your IP address, network mask, and gateway addresses are inconsistent, the RCP-200 may not restart (screens dark and buttons extinguished).

Workaround: Make sure that the IP address, network mask, and gateway addresses are consistent. In case they are not and the RCP-200 consequently fails to restart, reboot the unit, either by unplugging the power or by pressing **Esc + Alt + Home** simultaneously, and when it is up and running verify and correct the Ethernet addresses.

- [Ref. #24611] **Missing tabs on right screen:** If the iControl Services of the Densité card currently selected on the right screen is restarted, the control panel will temporarily disappear. When it comes back, some tabs could be missing. This may happen if the Densité frame hosting the card is restarted.

Workaround: Refresh the control panel by reselecting the card on the left screen.

- [Ref. #24468] RCP-200 screens may go blank and the unit may become unresponsive if the *STANDBY* button is pressed while still in *Panel Lock* mode (*PNL LOCK* button). If this happens, pushing buttons will not make the unit responsive again.

Workaround: Make sure you exit *Panel Lock* mode **before** entering *Standby* mode.

If, as a direct consequence of this issue, the unit does become unresponsive, make sure not to press the *PNL LOCK* button. The only button sequence that will allow you to recover from this problem is to press **ALT + PNL LOCK** again.

- [Ref. #24419] A logical router with parentheses in its name may not be able to communicate with the RCP-200 properly. The source labels, destination labels and destination buttons may not be displayed.

Workaround: Change the name of the logical router so there are no parentheses.

- [Ref. #24380] **Screen refresh problem when quickly switching to/from the HOME page:** When alternating quickly between the HOME page and other card categories, the RALM and/or the video thumbnail may not be properly erased.

Workaround: Pause and then reselect the desired category to get the proper screen refresh.

- [Ref. #23653] The RCP-200 panel buttons may occasionally light up all at once. **The panel remains functional** but the lights do not extinguish.

Workaround: Restart the unit.

- [Ref. #21692 / 24685] **Loss of connectivity to the Application Server makes RCP-200 appear frozen:** In case of a loss of Ethernet connectivity, the RCP-200 may take a few

minutes to notify the user of such a loss. If during that time some operations are done on the right screen, no feedback will be provided, and the unit will appear to be frozen.

Workaround: If this happens, there is no need to restart the RCP-200 unit; check and repair your network connection, and wait a few seconds until the unit becomes responsive.

Release Notes

Known Issues and Limitations

Contact Us!



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